

NEWS IN SUNDAY'S JOURNAL.

the engineer and his fireman went down with the engine. The engineer was seriously hurt, and died this evening. The fireman escaped unhurt. The engineer and fireman, after the engine had started, took back bars and started to climb the steep embankment, when the engineer fell, and it was then discovered that he was badly hurt.

Racing at New Orleans.

NEW ORLEANS, Dec. 15.—The race-track today was in good condition. The weather was cloudy and windy.

First Race—Three-quarters of a mile. Starters: McCuttry, Kemp Dillard, Starta, Orange Girl, Symphonic. Last: Dan Meeks, Comet and Martin. Starters' Second Race—One and one-sixteenth mile. Starters: Red Wolf, Pell Mell, Syntax, Kitty Faye, Pritchell, and S. J. Jones. Last: Orange Girl and King. Result: Syntax third.

Third Race—Five-eighths of a mile. Starters: Dulacres, Orange Girl, Last, Lord Asahe, Jimmie B. Vietses, Eternity, Vattell, Porter Gove, Moonbeam, Benton, Fluffy, and Constance won in 1:05; Dardine, second, in 1:07.

Fourth Race—Fifteen-sixteenths of a mile. Starters: Orange Girl, Fluffy, and Constance won in 1:05; Dardine, second, in 1:07.

McIntosh, Jim Navels, Albersen. Albersen won in 1:34; Countess second, Dorchmont third.

TRAINING THE GIRLS.

A New Movement for Physical Culture in the Boston Public Schools.

REPORTED BY

"What wish," said one of the city teachers to a reporter the other day, "the city teachers when the attention of the public is being drawn to the city schools, some of that attention might be directed to the girls. A little physical training for the pupils."

"What do you mean?"

"Why, I mean that my girls ought to be taught to walk, to run, to skip, to play, and to walk properly. Some of them are growing almost mishapen under their present careless and listless manner of carrying themselves."

"As a class, they are round shouldered, hallow chested, bowed in the back, crumpled and crooked generally. It is not merely for the sake of the girls that this should be improved; their health and the health of unborn generations is dependent upon it. For how can they ever be mothers of robust and healthy children if they are allowed to grow from bad to worse in this way? Surely, it is not a pleasant prospect for our future citizens if they are to be the progeny of these weak girls grown to womanhood."



The speaker was thoroughly in earnest. Further inquiries revealed the fact that the matter was not only a recognized one in the city, but that, some further influential and prominent people have become interested, and the initiative steps toward reform have already been taken.

It is not only the teachers, but the parents of, and becomes actively engaged in, the movement is Mrs. Mary Hemmway. She has recently devoted a generous sum of money toward the education of her girls, and is doing much for the teachers in the best and most scientific methods

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have been secured, and such of the teachers as care to avail themselves of the opportunity (within certain restrictions as to members) may understand it as they will turn their instruction to the advantage of their pupils. The class now numbers about thirty teachers, who are required to practice the gymnastics and movement of the entire body, and go through such cathechetic exercises as science has proved the most adequate and available for women.

Dr. F. C. M. L. on the Advantages of Gymnastics.—I. Dr. F. C. M. L. says that gymnastics that are practiced without need or aid of any paraphernalia. This being the case, it is easily within the reach of the poor and the rich alike. Since the latter case, the apparatus of the gymnasium it would not be so well adapted to the school. Yet he claims for it even better results than can be attained with the aid of apparatus. The latter case, physical culture is often sacrificed to muscular development.

It is in the girls' schools rather than in the boys' schools that gymnastics are most in vogue. Strength and development is strongly felt because the boy derives some advantage from his out-door sports which the girl does not have. In the girls' high-school cathechetic practices have been recently introduced that promise the most satisfactory results. A teacher of gymnastics has been engaged, a part of three days in the week are devoted to it, and the girls are expected to dress in the same manner as the boys conformably to the requirements of the work.

"What we want," said one of the teachers concerned, "is that the mothers should understand the importance of this as well as the teachers and co-operation so far as possible. This question is as important to the girls as the question of their training. It is not only a question of it to the boys, for their health and strength, is not only now but in the future."

"How do you expect the mothers to aid you?" "Well, on one thing they can do is to dress their children in the same manner as the boys. Freedom of movement and make erect posture and easy carriage the results of strong muscles. They can be taught to dress them in stiff and tight-laced clothing while they are too young. They should wait till the girls are older, and so strong as not to be fettered. If Dr. Fosse's practice in cathechetic exercises is followed, the mothers and the girls will simply have to dress in loose clothing, for it is necessary to the exercise."

SHOCK OF EARTHQUAKE.

Remarkable Effects Produced by Earthquake as Observed by Prof. Milne.

LONDON TIMES.

In the last issue of the "Transactions of the Seismological Society of Japan," Prof. Milne, the well-known English seismologist, has discussed the effects of earthquakes on animals. The records of most great earthquakes refer to the consternation of dogs, horses, cattle and sheep. The same is also frequently observed in man. In the earthquake of 1749 roach and other fish in a canal showed evident signs of confusion and fright, and sometimes the Japanese earthquake fish rise to the surface dead and dying.

During the Tokio earthquake of 1880 cats in-

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horses and horses tried to kick down the boards confining them to their stables. There can, therefore, be no doubt that animals know earthquakes, and behave like men in such a place. More interesting than these are the observations showing that animals are alarmed by the behavior of the earthquake. Fowls have been known to prance about, turkeys and pheasants to scream, and frogs to cease croaking suddenly a little time before a shock, as if aware of its coming. The Japanese say that the dogs bark and behave like men. The cattle, geese, and pigs and dogs appear more sensitive in this respect than other animals. After the earthquake of 1835, the Japanese said that the neighing of a horse, the baying of an ass, or the cackle of a goose was sufficient to cause the inhabitants to fly from their houses in expectation of a shock. The Japanese also said that their uneasiness before an earthquake by hiding their heads under their wings and behaving in an unusual manner. At the time of the Calcutta earthquake of 1817, the people of the villages, which are usually buried in the sand, came to the top and were caught in multitudes. In South America certain quadrupeds, such as the jaguars, are said to be more sensitive to the plea of any warning of coming danger by their restlessness; sometimes immense flocks of sea birds fly inland before an earthquake, as if alarmed by the commencement of some subterranean disturbance. Before the shock of 1835 in Chili all the dogs are said to have escaped from the cities, and the explanation offered by Professor Milne of this apparent prescience is that some animals are sensitive to the small tremors which precede the great shocks. He says he himself felt them some seconds before the actual earthquake came. The alarm of intelligent animals would then be the result of their own experience, and not of any mysterious power or premonitory of movements more alarming. Signs of alarm days before an earthquake are probably accidental; but sometimes in volcanic regions the animals are so much alarmed prior to earthquakes, and have poisoned animals. In one case large numbers of fish were killed in this way in the Tiber, and at Follonica, in Tuscany, the roads were so much choked, and roads were covered with dead rats and mice. In fact, it seemed as if it had rained rats. The only explanation of the phenomena is that the earthquakes are caused and destroyed by emanations of carbon dioxide."

Baptist Panta.

Louisville, Ky., 1891.

"One of the most curious items in the line of ecclesiastical goods is the garment known as 'baptismal pants,' said a clergyman. "These 'pants' are used by Baptist ministers when immersed in water. They are made of a heavy cloth, neatly finished, and are intended to keep the minister dry when he goes into the water. Some of the old-time Baptists consider it a disgrace to wear a bathing suit, and a trifling with the duty of going down into the water. They ask how a man can be said to go into the water who goes only into the water, and they say that such a man protects himself against contact with the water. When these garments were first introduced there was a violent prejudice against them, and they were called 'baptismal pants' came. The 'baptismal pants' are now a regular part of the outfit of most Baptist ministers. These pants are freely advertised in the Baptist newspapers, the preaching going on to sell a pair."

No Christmas Table

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highest falls in existence that are composed of any great volume of water. There are mere mountain torrents that fall from a greater height, and the great fall of the Yosemite Valley measured 2,550 feet, but is broken into three distinct leaps. Niagara, on the other hand, has a height of 164 feet only.

INDIA-RUBBER HORSESHOES.

A New Device That Will Shortly Replace Iron in the Shoeing of Horses.

New York Mail and Express.

"The proposed substitution of India-rubber for metals in the manufacture of horse-shoes is a well-known subject," says one of these being that the former enables a horse to go easier over all kinds of roads, and is not broken into three distinct leaps without slipping. The contrivance brought forward for this purpose is such as to obviate in one instance the necessity of using an iron shoe, and in the second case to obviate entirely the use of iron shoes. According to this design the shoe consists of an India-rubber bottom-piece molded to fit over and under the hoof, and a band of India-rubber protecting iron rising up the front and around the level where the nails are clamped, the projection having an edge under which a steel band is inserted, and the whole is drawn and clamped tight to retain the rubber shoe. The band is connected by studs, which pass through the heel part of the hoof, this being cut away from the inside of the hoof, and the studs or studs may project eccentrically to obtain grip or fixing. If the rubber shoe is used with an iron shoe the frog portion or pad has a front plate of India-rubber which is imbedded in and hold the rubber shoe in place. If the rubber shoe be divided or made thin in the center, a spring or other bar can be contracted from the sides of the shoe, and the shoe can be drawn out easily and also expands so as to fix the rubber shoes in position.

A Bonfire of Bibles in Spain.

Madrid Letter in London News.

The Liberal government tries in vain to enforce the spirit of tolerance among the authorities and subjects of his Catholic Majesty. Very recently the Government of Madrid, the Society was attacked and insulted by twenty young Catholic students led by a Jesuit father, who excited the lads to take possession of, tear up, and burn the Bibles, and the Government's attempts and tracts. The Spanish judges, after carefully investigating the case, declined to send the offenders before the tribunal for the trial of the Bonfire of Bibles, and the Government of the Foreign Bible Society. The students, and not the Jesuit father, who was the principal instigator of the movement, will have to appear before the tribunal, and the Government will inflict a fine and a few days' arrest, even if they are convicted. While this treatment is meted out to foreigners and Protestants, the Spanish Government has not yet taken any steps towards curtailing the state religion.

Empire Hair-Dressing.

Philadelphia Record.

For an empire dress there is a distinctive way of dressing the hair, and this is it. A few curls fall over the forehead, the hair is drawn down flat to the extreme top point or bang of the crown and there is formed into a large double bow, or close, high cluster of loops. A fan band of hair is drawn up the crown of the head and starr on it, can then be laid across the head, or stars may be worn, or a string of pearls may be twisted along the base of the bow of hair, or a string of pearls, or a string of flowers can be placed in the same situation.